

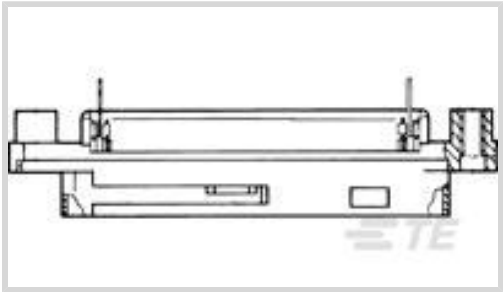
CHAMP

TE Internal #: 5552232-1  
Plug, Cable-to-Board, 36 Position, 2.16 mm [.085 in] Centerline, 2 Row, Standard Profile, Vertical, Printed Circuit Board, PCB D-Sub Connectors

[View on TE.com >](#)



Connectors > D-Shaped Connectors > D-Sub Connectors > PCB D-Sub Connectors > D-Sub Plug Assembly: Vertical, 2.16mm



Connector & Housing Type: **Plug**  
Connector System: **Cable-to-Board**  
Number of Positions: **36**  
Centerline (Pitch): **2.16 mm [.085 in]**  
Number of Rows: **2**  
[All D-Sub Plug Assembly: Vertical, 2.16mm \(4\)](#)

Features

Industry Standards

UL Flammability Rating	UL 94V-0
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Termination Features

Rectangular Termination Post & Tail Width	.5 mm[.019 in]
Rectangular Termination Post & Tail Thickness	.25 mm[.01 in]
Termination Method to PCB	Through Hole - Solder
Termination Post & Tail Length	.18 mm

Contact Features

Contact Underplating Material	Palladium Nickel
	30 µin
Contact Options	Installed
Contact Mating Area Plating Material	Gold Flash, Gold
Contact Base Material	Phosphor Bronze
PCB Contact Termination Area Plating Material	Tin

Packaging Features

Packaging Quantity	75
Packaging Method	Tray



Operation/Application

Shielded	No
Circuit Application	Signal

Mechanical Attachment

Mounting Feature Material	Thermoplastic
PCB Mount Retention	Without
Mating Retention	With
Mating Retention Type	Screwlocks
Connector Mounting Type	Board Mount

Body Features

Primary Product Color	Black
Connector Profile	Standard

Dimensions

PCB Thickness (Recommended)	1.57 mm, 3.18 mm, 2.36 mm[.062 in][.093 in][.125 in]
Row-to-Row Spacing	4.3 mm[.169 in]

Housing Features

Housing Material	Thermoplastic
Centerline (Pitch)	2.16 mm[.085 in]

Product Type Features

Connector & Housing Type	Plug
Connector System	Cable-to-Board
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	36
Number of Rows	2
PCB Mount Orientation	Vertical

Usage Conditions

Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]
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Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant



Product Compliance

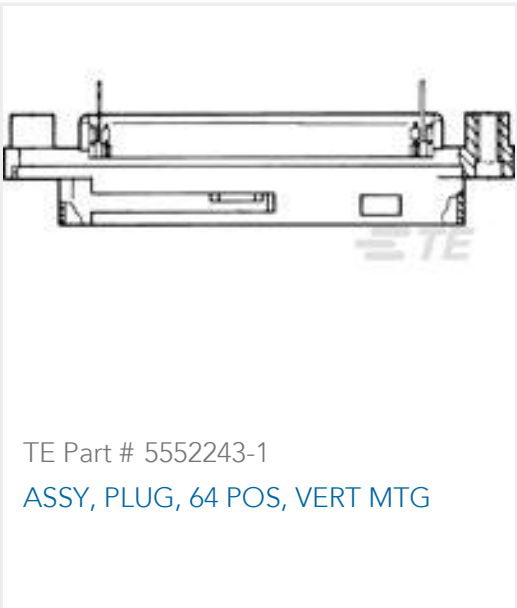
For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 265°C

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulations, TE’s information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.

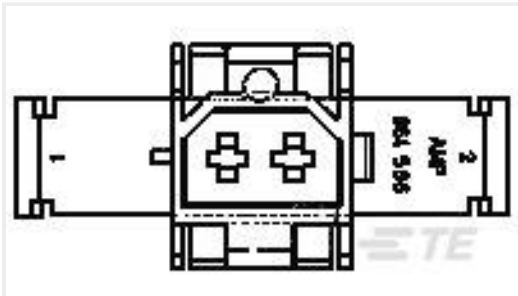
Compatible Parts



Customers Also Bought



TE Part #5745172-2  
15 POS STRAIN RELIEF KIT



TE Part #964586-1  
FF 2P HOUSING TAB POLYESTER VALOX 357



TE Part #60617-1  
CMNL SOK SNBR L/P



TE Part #1-480424-0  
04P CMNL PLUG HSG F/H NATL



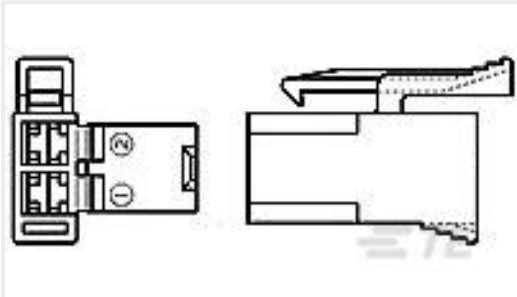
TE Part #927892-1  
FF 110 TAB 0.5-1 MM2 PTP CUSN30



TE Part #1734035-1  
MINI USB, TYPE B, R/A, SMT



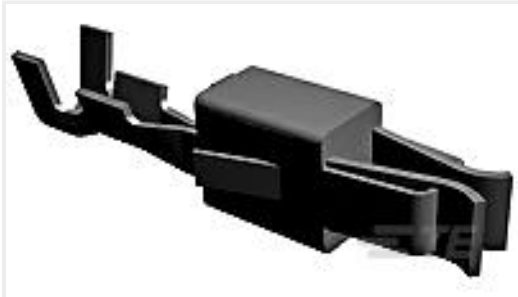
TE Part #1623461-1  
CRG1206 1% 22K



TE Part #964587-1  
JUN-POW TIM GEH 2P



TE Part #AS012-35SN  
RECEPT.2 HOLE MNT.TYPE 0



TE Part #927779-3  
JPT REC 2.8 Contact SRC Sn (LP)

Documents

Product Drawings

ASSY, PLUG, 36 POS, VERT MTG

English

CAD Files

3D PDF

English

Customer View Model

ENG\_CVM\_5552232-1\_O.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_5552232-1\_O.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_5552232-1\_O.3d\_stp.zip

English

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